



PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

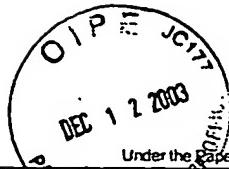
				Complete if Known	
Application Number	10/625,525				
Filing Date	July 24, 2003				
First Named Inventor	Sang S. Lee				
Art Unit	N/A				
Examiner Name	Not Yet Assigned				
Sheet	1	of	5	Attorney Docket Number	8733.871.00-US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA	2001-0021000-A1	09-13-2001	Egami		
AB	4,094,058-	06-13-1978	Yasutake et al.		
AC	4,691,995-A1	09-08-1987	Yamazaki et al.		
AD	5,875,922-B1	03-02-1999	Chastine et al.		
AE	6,304,311-B1	10-16-2001	Egami et al.		
AF	5,247,377-B1	09-21-1993	Omeis et al.		
AG	5,511,591-	04-30-1996	Abe		
AH	5,642,214-	06-24-1997	Ishii et al.		
AI	5,742,370-	04-21-1998	Kim et al.		
AJ	6,011,609-	01-04-2000	Kato et al.		
AK	6,016,178-	01-18-2000	Kataoka et al.		
AL	6,055,035-	04-25-2000	von Gutfeld et al.		
AM	6,163,357-	12-19-2000	Nakamura		
AN	6,226,067-B1	05-01-2001	Nishiguchi et al.		
AO	6,304,306-B1	10-16-2001	Shiomi et al.		
AP	6,414,733-B1	07-02-2002	Ishikawa et al.		
AQ	3,978,580-A1	09-07-1976	Leupp et al.		
AR	4,653,864-	03-31-1987	Baron et al.		
AS	4,775,225-A1	10-04-1988	Tsuboyama et al.		
AT	5,263,888-	11-23-1993	Ishihara et al.		
AU	5,379,139-A1	01-03-1995	Sato et al.		
AV	5,406,989-A1	04-18-1995	Abe		
AW	5,499,128-A1	03-12-1996	Hasegawa et al.		
AX	5,507,323-	04-16-1996	Abe		
AY	5,539,545-	07-23-1996	Shimizu et al.		
AZ	5,548,429-	08-20-1996	Tsujita		
AA1	5,680,189-	10-21-1997	Shimizu et al.		
AB1	5,757,451-	05-26-1998	Daisuke Miyazaki et al.		
AC1	5,852,484-	12-22-1998	Kazuo Inoue et al.		
AD1	5,854,664-	12-29-1998	Kazuo Inoue et al.		
AE1	5,861,932-	01-19-1999	Masashi Inata et al.		
AF1	5,952,678	09-14-1999	Ashida		
AG1	5,956,112-	09-21-1999	Fujimori et al.		
AH1	6,001,203-	12-14-1999	Yamada et al.		
AI1	6,016,181-	01-18-2000	Shimada		
AJ1	6,219,126-B1	04-17-2001	von Gutfeld		
AK1	6,236,445-B1	05-22-2001	Foschaar et al.		
AL1	6,337,730-B1	01-08-2002	Ozaki et al.		

Examiner Signature		Date Considered	W/4/05
--------------------	--	-----------------	--------

DC:50254240.1



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031.
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substation 149A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
Sheet	2	of	5	Application Number	10/625,525
				Filing Date	July 24, 2003
				First Named Inventor	Sang S. Lee
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	8733.871.00-US

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ² -Number ³ -Kind Code ⁴ (if known)			
CS	BA	JP-05-154923-	06-22-1993	Fukuo et al.	
CS	BB	KR-2000-035302-A1	06-26-2000	Yoshihiro	
CS	BC	JP-06-235925-	08-23-1994	Katsuya	
CS	BD	JP-06-313870-	11-08-1994	Fukuo et al.	
CS	BE	JP-07-084268-	03-31-1995	Hiroshi et al.	
CS	BF	JP-08-101395-	04-16-1996	Satoru et al.	
CS	BG	JP-09-061829-	03-07-1997	Satoru et al.	
CS	BH	JP-10-177178-	06-30-1998	Shinichi et al.	
CS	BI	JP-10-333157-	12-18-1998	Takayuki et al.	
CS	BJ	JP-10-333159-	12-18-1998	Takayuki et al.	
CS	BK	JP-11-133438-	05-21-1999	Shinichi et al.	
CS	BL	JP-11-142864-	05-28-1999	Takashi et al.	
CS	BM	JP-11-248930-	09-17-1999	Satoru et al.	
CS	BN	JP-11-326922-	11-26-1999	Yuji	
CS	BO	JP-2000-002879-	01-07-2000	Masaki	
CS	BP	JP-2000-056311-	02-25-2000	Satoru et al.	
CS	BQ	JP-2000-066165-	03-03-2000	Koji et al.	
CS	BR	JP-2000-137235-	05-16-2000	Norihiro et al.	
CS	BS	JP-2000-147528-	05-24-2000	Nobutaka et al.	
CS	BT	JP-2000-193988-	07-14-2000	Taijin et al.	
CS	BU	JP-2000-241824-	09-08-2000	Masanori et al.	
CS	BV	JP-2000-284295-	10-13-2000	Satoshi et al.	
CS	BW	JP-2000-292799-	10-20-2000	Yoshiteru et al.	
CS	BX	JP-2000-310759-	11-07-2000	Norihiro	
CS	BY	JP-2000-310784-	11-07-2000	Kazuo et al.	
CS	BZ	JP-2000-338501-	12-08-2000	Hideaki	
CS	BA1	JP-2001-005401-	01-12-2001	Kiyoshi et al.	
CS	BB1	JP-2001-005405-	01-12-2001	Satoshi et al.	
CS	BC1	JP-2001-013506-	01-19-2001	Seiji et al.	
CS	BD1	JP-2001-033793-	02-09-2001	Shinichiro et al.	
CS	BE1	JP-2001-042341-	02-16-2001	Masayuki et al.	
CS	BF1	JP-2001-051284-	02-23-2001	Norihiro	
CS	BG1	JP-2001-066615-	03-16-2001	Katsuki et al.	
CS	BH1	JP-2001-091727-	04-06-2001	Koji et al.	
CS	BI1	JP-2001-117109-	04-27-2001	Hideki et al.	
CS	BJ1	JP-2001-133745-	05-18-2001	Satoshi et al.	
CS	BK1	JP-2001-133799-	05-18-2001	Satoshi	
CS	BL1	JP-2001-166272-	06-22-2001	Kiyoshi et al.	
CS	BM1	JP-2001-166310-	06-22-2001	Takashi et al.	
CS	BN1	JP-2001-183683-	07-06-2001	Akinori et al.	
CS	BO1	JP-2001-201750-	10-04-2001	Kazuyuki et al.	
CS	BP1	JP-2001-209052-	08-03-2001	Hideaki	
CS	BQ1	JP-2001-209060-	08-03-2001	Yoshiro et al.	
CS	BR1	JP-2001-215459-	09-13-2001	Norihiro	

Examiner Signature		Date Considered	11/4/05
--------------------	--	-----------------	---------

DC:50254240.1



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute Application Number/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

3

of

5

Complete if Known

Application Number	10/625,525
Filing Date	July 24, 2003
First Named Inventor	Sang S. Lee
Art Unit	N/A
Examiner Name	Not Yet Assigned

Attorney Docket Number 8733.871.00-US

CS	BS1	JP-2001-222017-	08-17-2001	Kunihiro et al.		
CS	BT1	JP-2001-235758-	08-31-2001	Katsuki		
CS	BU1	JP-2001-272640-	10-05-2001	Kuniaki		
CS	BV1	JP-2001-281675-	10-10-2001	Yutaka et al.		
CS	BW1	JP-2001-281678-	10-04-2001	Hiroyuki et al.		
CS	BX1	JP-2001-282126-	10-12-2001	Masayuki et al.		
CS	BY1	JP-2001-305563-	10-31-2001	Akira et al.		
CS	BZ1	JP-2001-330837-	11-30-2001	Kazufumi		
CS	BA2	EP-1 003 066 A1-A1	05-24-2000	Egami et al.		
CS	BB2	JP-2001-356353-	12-26-2001	Satoshi et al.		
CS	BC2	JP-51-065656-	06-07-1976	Yoichi		
CS	BD2	JP-59-057221-	04-02-1984	Yoshio et al.		
CS	BE2	JP-59-195222-	11-06-1984	Osamu		
CS	BF2	JP-60-111221-	06-17-1985	Masanori et al.		
CS	BG2	JP-57-038414-A1	03-03-1982	Naoaki et al.		
CS	BH2	JP-57-088428-A1	06-02-1982	Tsutomu		
CS	BI2	JP-58-027126-A1	02-17-1983	Takao		
CS	BJ2	JP-60-164723-A1	08-27-1985	Tooru		
CS	BK2	JP-60-217343-A1	10-30-1985	Kiyohiro		
CS	BL2	JP-61-007822-A1	01-14-1986	Shinjirou		
CS	BM2	JP-61-055625-A1	03-20-1986	Norio et al.		
CS	BN2	JP-62-089025-A1	04-23-1987	Shinji et al.		
CS	BO2	JP-62-090622-A1	04-25-1987	Akihiro et al.		
CS	BP2	JP-62-205319-A1	09-09-1987	Akira et al.		
CS	BQ2	JP-63-109413-A1	05-14-1988	Yoshiro		
CS	BR2	JP-63-110425-A1	05-14-1988	Motoi		
CS	BS2	JP-63-128315-A1	05-31-1988	Toshiyasu		
CS	BT2	JP-63-311233-A1	12-20-1988	Yoko et al.		
CS	BU2	JP-05-127179-A1	05-25-1993	Hiroshi		
CS	BV2	JP-05-265011-A1	10-15-1993	Katsuki		
CS	BW2	JP-05-281557-A1	10-29-1993	Hisao et al.		
CS	BX2	JP-05-281562-A1	10-29-1993	Satoshi et al.		
CS	BY2	JP-06-051256-A1	02-25-1994	Koji et al.		
CS	BZ2	JP-06-148657-A1	05-27-1994	Yoshinori et al.		
CS	BA3	JP-06-160871-	06-07-1994	Yoshinori et al.		
CS	BB3	JP-06-265915-A1	09-22-1994	Hirotada et al.		
CS	BC3	JP-07-128674-A1	05-19-1995	Yoshiyuki et al.		
CS	BD3	JP-07-181507-A1	07-21-1995	Teruhiko		
CS	BE3	JP-08-095066-A1	04-12-1996	Kazuhiro et al.		
CS	BF3	JP-08-106101-A1	04-23-1996	Yoshiro et al.		
CS	BG3	JP-08-171094-A1	07-02-1996	Shinji et al.		
CS	BH3	JP-08-190099-A1	07-23-1996	Yoshiro et al.		
CS	BI3	JP-08-240807-A1	09-17-1996	Yoshiro et al.		
CS	BJ3	JP-09-005762-A1	01-10-1997	Hiroyuki		
CS	BK3	JP-09-026578-A1	01-28-1997	Kunihiro et al.		
CS	BL3	JP-09-073075-A1	03-18-1997	Junji et al.		
CS	BM3	JP-09-073096-A1	03-18-1997	Hideki et al.		
CS	BN3	JP-09-127528-A1	05-16-1997	Kunihiro et al.		
CS	BO3	JP-09-230357-A1	09-05-1997	Teruhiko		
CS	BP3	JP-09-281511-A1	10-31-1997	Kunihiro et al.		

Examiner
Signature

Date
Considered

11/4/05

DC:50254240.1



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

4

of

5

<i>Complete if Known</i>	
Application Number	10/625,525
Filing Date	July 24, 2003
First Named Inventor	Sang S. Lee
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	
8733.871.00-US	

BQ3	JP-09-311340-A1	12-02-1997	Satoshi		
BR3	JP-10-123537-A1	05-15-1998	Norihiko et al.		
BS3	JP-10-123538-A1	05-15-1998	Hideki et al.		
BT3	JP-10-142616-A1	05-29-1998	Hideyuki et al.		
BU3	JP-10-221700-A1	08-21-1998	Kunihiro et al.		
BV3	JP-10-282512-A1	10-23-1998	Hideyuki		
BW3	JP-11-014953-A1	01-22-1999	Takahiro		
BX3	JP-11-038424-A1	02-12-1999	Kunihiro et al.		
BY3	JP-11-064811-A1	03-05-1999	Naoto		
BZ3	JP-11-109388-A1	04-23-1999	Yuzo et al.		
BA4	JP-11-174477-A1	07-02-1999	Katsuki et al.		
BB4	JP-11-212045-A1	08-06-1999	Shirou		
BC4	JP-11-344714-A1	12-14-1999	Masaaki et al.		
BD4	JP-2000-029035-	01-28-2000	Naoya et al.		
BE4	JP-2001-117105-	04-27-2001	Takeshi		
BF4	JP-2001-133794-	05-18-2001	Kazuyuki		
BG4	JP-2001-142074-	05-25-2001	Makiko et al.		
BH4	JP-2001-147437-	05-29-2001	Makoto et al.		
BI4	JP-2001-154211-	06-08-2001	Yuichiro et al.		
BJ4	JP-2001-255542-	09-21-2001	Yuichi		
BK4	JP-2001-264782-	09-26-2001	Nobumasa et al.		
BL4	JP-2001-330840-A1	11-30-2001	Hisaoaki et al.		
BM4	JP-2001-356354-A1	12-26-2001	Hirouki et al.		
BN4	JP-2002-014360-A1	01-18-2002	Norihiko et al.		
BO4	JP-2002-023176-A1	01-23-2002	Koji		
BP4	JP-2002-049045-A1	02-15-2002	Takeshi		
BQ4	JP-2002-082340-A1	03-22-2002	Sadaichi et al.		
BR4	JP-2002-090759-A1	03-27-2002	Koji		
BS4	JP-2002-090760-A1	03-27-2002	Norihiko		
BT4	JP-2002-107740-A1	04-10-2002	Mitsuaki		
BU4	JP-2002-122872-A1	04-26-2002	Tetsuo et al.		
BV4	JP-2002-122873-A1	04-26-2002	Yasuo		
BW4	JP-2002-139734-	05-17-2002	Hirouki et al.		
BX4	JP-2002-202512-A1	07-19-2002	Akimasa		
BY4	JP-2002-202514-A1	07-19-2002	Satoshi et al.		
BZ4	JP-2002-214626-A1	07-31-2002	Shinichi		

Examiner
SignatureDate
Considered

11/4/05

DC:50254240.1



PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/625,525
Sheet	5	of	5	Filing Date	July 24, 2003
				First Named Inventor	Sang S. Lee
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	8733.871.00-US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

¹Applicant's unique citation designation number (optional). ²See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	11/4/05
--------------------	--	-----------------	---------

DC:50254240.1